

INTERNATIONAL SEARCH REPORT

International Application No
DE 00/02950

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 F02D41/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 F02D F02M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 858 942 A (HUGHETT PAUL D ET AL) 12 January 1999 (1999-01-12) abstract column 1, line 1 -column 2, line 29 column 11, line 58 -column 12, line 9 column 20, line 20 - line 67	1,3-6,8, 10-14
P,X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 09, 13 October 2000 (2000-10-13) & JP 2000 161192 A (NISSAN MOTOR CO LTD), 13 June 2000 (2000-06-13)	1,12-14
P,A	abstract --- -/--	2

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

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- *Y* document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

9 January 2001

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18/01/2001

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PCT/DE 00/02950

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5 845 225 A (MOSHER FREDERICK A) 1 December 1998 (1998-12-01) abstract column 1, line 1 -column 2, line 8 column 3, line 10 -column 4, line 29 -----	11, 14
A	EP 0 761 961 A (METEOR) 12 March 1997 (1997-03-12) abstract -----	

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No.

DE 00/02950

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5858942 A	12-01-1999	AU 2385595 A EP 0755308 A WO 9528236 A	29-01-1997 26-10-1995
JP 2000161192 A	13-06-2000	NONE	05-03-1997
US 5845225 A	01-12-1998	NONE	30-06-1997
EP 0761961 A	12-03-1997	EP 0760424 A JP 9170524 A JP 11002169 A US 6047671 A US 5941210 A	05-03-1997 30-06-1997 06-01-1999 11-04-2000 24-08-1999